Two Lane Configuration / Three Lane Configuration (left diagrams):

12' TYP

3'-4" TYP

TWO LANE CONFIGURATION

A AT 3B OR B AT 3B

12' TYP   12' TYP

3'-4" TYP   3'-4" TYP

A AT 3B OR B AT 3B

THREE LANE CONFIGURATION

LUMINAIRE

MIN CLEARANCE = 17'-6"
MAX CLEARANCE = 19'-0"

NOTES:
1. SIGNAL POLE, MAST ARM AND LUMINAIRE EXTENSION ARE STATE FURNISHED ITEMS.
2. CENTER ALL SIGNAL HEADS IN MIDDLE OF LANES.
3. SEE STD DWG SL 2 FOR MAST ARM SIGNAL HEAD MOUNTING.
4. MOUNT ALL SIGNAL HEADS AT THE SAME ELEVATION FROM THE ROADWAY CROWN.
5. USE THE CURRENT EDITION OF AASHTO A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS FOR DESIGN OF ROADWAY ELEMENTS.
6. PLACE RAMP METER MAST ARM ASSEMBLY 1.2 TIMES THE AASHTO CLEAR ZONE DISTANCE AWAY FROM THE TRAVELED WAY, OR SHIELD AS PER THE CURRENT EDITION OF THE AASHTO ROADSIDE DESIGN GUIDE.

POLE AND CONFIGURATION PER STD DWGS SL 1A, SL 1B, AND SL 2

ROADWAY CROWN

EDGE OF TRAVELED WAY

OFFSET SEE NOTE 6

A AT 2 | RAMP METER MAST ARM SIGNAL ASSEMBLY TWO AND THREE LANE CONFIGURATIONS

Top right diagram:

R10-6 (LEFT) 24" x 36"
STOP HERE ON RED

R10-6 (RIGHT) 24" x 36"
STOP HERE ON RED

B AT 4

C AT 4   SEE NOTE 1

C AT 3B OR D AT 3B

2"

AXIS OF INDICATION ANGLE TO DRIVER VIEW AT STOPBAR

4'-6" MIN.
6'-0" MAX.

CROWN OF ROADWAY

SEE STD DWG SL 5

NOTES:
1. USE SIDE SIGNAL HEAD ONLY ON SINGLE LANE RAMPS.
2. VERIFY NUMBER OF VEHICLES PER GREEN WITH REGION TRAFFIC ENGINEER.
3. PLACE POLE ON BREAKAWAY BASE. LOCATE PER MUTCD.

B AT 2 | RAMP METER POLE MOUNT SIGNAL ASSEMBLY WITH ENFORCEMENT INDICATION

Bottom right diagram:

A AT 4

B AT 3A

A AT 3A

2" MIN

METERING WHEN FLASHING

6' MIN

EDGE OF TRAVELED WAY

SEE STD DWG SL 5

NOTE:
1. PLACE POLE ON BREAKAWAY BASE. LOCATE PER MUTCD.

C AT 2 | RAMP METER ADVANCED FLASHING BEACON ASSEMBLY

SUPPLEMENTAL DRAWING

REVISIONS

NO.	DATE	APPR.	REMARKS
1	2/24/05	S.S.	REVISED "ADVANCED" FLASHING BEACON ASSEMBLY" DETAIL AND ADDED 3 LANE MAST ARM ASSEMBLY.
2	06/21/06	TJM	ADDED AND REVISED NOTES.
3	02/22/07	TJM	UPDATED DETAIL B+C TO ADD NOTES AND CALLOUTS.

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26-MAR-2007